

## ENTERTAINMENT AT MINING CONGRESS

Will Be Much to Interest Delegates and Visitors in Goldfield.

### WONDERFUL COLLECTION OF VALUABLE MINERALS

General Information of Interest to Those Who Will Attend Session.

The following general information will be of interest to those who are going to attend the annual convention of the American Mining Congress, to be held in Goldfield, Nev., during the week of September 27.

The sessions of the congress will be held in the Hippodrome, corner Columbia avenue and Miner street, three blocks north from the Goldfield hotel. The headquarters will be at the Goldfield hotel.

Each delegate will, upon registration, be presented with a handsome badge showing in relief the face of Jim Marshall, the discoverer of the Humboldt mine, and a set of the Goldfield Consolidated mill, one of the most complete of its kind in the world.

The Mineral Palace, corner of Main and Miner streets, contains a most comprehensive and typical exhibit of the minerals of Nevada and a few smaller exhibits from adjoining states. The Nevada collection will be composed of more than one hundred thousand individual specimens, representing more than 150 different camps arranged by counties. In addition to the commercial exhibits, the private collections of Mrs. Helen Schneider of Eureka, Nev., worth over \$50,000, of Mrs. Helen J. Stewart of Las Vegas, Nev., collected personally by Mrs. Stewart, the classified exhibit of the Mackay School of Mines of Reno, Nev., and other private collections will be given free service in its collection. Altogether it is believed to be the most valuable and comprehensive collection of minerals ever assembled.

The formal opening of the Mineral Palace will take place on the first day of the convention. Wednesday, September 29, will be spent at Tonopah, Nevada, to which a special train will convey the delegates, leaving Goldfield at 8:30 a. m., stopping for an inspection of the large stamp mill at Miller's station and the larger mines of the Tonopah district.

At 2:30 a business session will be held at which the general subject of mine inspection will be discussed. A short business session will be held in the evening after which the special train will return with the delegates to Goldfield.

It is planned to devote the greater part of Tuesday to a discussion of the silver question. Thursday is expected to be a General Revision of Mining Laws. Friday to the Land Policies of the Federal Government as they affect the Mining Industry, and it is proposed to devote what ever time may be necessary for a thorough discussion of these subjects.

Technical and descriptive papers will take second place to the practical discussion of two subjects upon which the action of the congress is expected.

Saturday will be California day in which special delegations from that state will participate. The congress will be adjourned at noon on Saturday after which an opportunity will be given to examine the mines and mills of the district.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

The Goldfield entertainment committee will provide entertainment for every moment not otherwise occupied and will not interfere with the regular business sessions of the congress. Provisions have been made for a rock-drilling contest open to the world on Saturday afternoon and for a street carnival to be known as "The Malapal Mipup," on Saturday evening.

## WILL DISCONTINUE WORK AT SWANSEA

No Market for Ores Reason Given for the Ceasing of Operations.

Special to The Tribune.

EUREKA, Sept. 12.—The Tribune correspondent had things sized up about right when he stated that work in the shaft at the Swansea mine at Silver City would cease operations. Superintendent William Matthews has received word to discontinue work in the shaft, and to remove the sinking pump. The reason given for closing down of the property is because it has no market for its ores. There is no doubt but what the Swansea has an immense body of ore on the lower levels, but the large flow of water makes operations almost impossible at a great depth. When this difficulty is overcome the Swansea will be in the dividend column as one of the leaders.

General Manager C. E. Allen of the Centennial Eureka mine spent most of the past week in planning looking over operations at the mine, and there is now no question but what a 3000-foot tunnel will be driven at a depth of 500 feet to tap the main shaft and for the purpose of saving a 500-foot lift in pumping water to the mine, which will only require the pump to lift the water to the tunnel level and allow it to flow out from this outlet, which will allow ore to be hoisted below the water level. In driving this tunnel it will be necessary to go through a portion of the claims owned by the McKinley Mining company, and the Centennial Eureka made an offer to the McKinley directors of \$1000 for the right of way, which was accepted, and work on the tunnel will be commenced at once, being operated from both ends.

Work at the Zuma mine is progressing in a very satisfactory manner, drifting being carried on from the 200 level and two shafts are kept busy by Superintendent Clark.

Work at the Tintic Humboldt property is progressing very satisfactorily, ore being raised over 100 feet, and a fine showing of gold, iron and lead, and Superintendent John Taylor looks for some time to stay at this time.

The old Eureka Hill mill at this place is to be dismantled and the machinery, building and material are for sale, thus removing from Eureka one of its old landmarks. The last time the mill was in active operation was in 1904, and the slow progress of the mill has since made it an unprofitable proposition, and the wheels cease to turn. The mill was erected in 1893 by the late John O. Packard and was his pride, being the largest pan mill in the world and cost about one-half a million dollars, being erected under the direction of Arthur Buckner, who used first-class material in its construction. The mill had a capacity of over 5000 tons of ore per month and cost \$1,000,000 to build, and the company out of debt and placed it in the dividend paying column.

The Eureka City Mining company has succeeded in obtaining the signatures of nearly all the property holders in Eureka City, giving the company permission to drill a tunnel through the city.

The company, with a capital of \$1,000,000, was organized for the purpose of developing the ground under Eureka City town site, and Walter Fitch, general manager of the Chief Consolidated mine, and associates propose to expend \$100,000 in the work. Every property holder who allows the company to mine beneath his property becomes a share holder, being allowed 100 shares in the company for every acre owned. No prospecting work will be carried on above the 700-foot level, and should the property or wells of the owners of the ground be injured in any way by underground working, the company guarantees to give the owner three times the value of the property.

Work will be started from the 1500-foot level of the Chief Consolidated shaft, and main drift will be driven northward directly under the Eureka townsite.

Work is progressing rapidly at the Grube property in East Tintic, the shaft allowed from the 200 level. Another shaft has been put at work, so the 500 level can be reached, after which Manager John Beckmeyer will begin erecting a new shaft. Mining men who have inspected the property prophesy that the Grube will soon be classed with the producers of East Tintic.

One of the distinct features of the week was the discovery of high grade ore on Combination Fraction. This property is one of those in which newspaper men have rarely, if ever, been, owing to the disposition of the management to follow no reports to be circulated without the official stamp. A crowd of reporters, however, went to the mine, and on the request of the management, eight feet of ore, which assays around \$160 to the ton, is in evidence, together with a streak which carries 100 ounces of gold to the ton. The ore is in the foot of a slope from the 857 level, reaching in its height approximately 125 feet, while the actual known depth of the ore shoot thus far proven up may be estimated at not less than 100 feet. The strike was made at a point where the Little Florence lease, operating on this estate, had only six feet to go to break into the rich stuff. The slope was not broken into until the big ore was in shooting distance of the Little Florence people, but they didn't know it. It will be remembered that the Little Florence itself found its rich ore only a few feet from where the original owner, a man named Little, had quit work.

Superintendent Lawrence of the Florence Goldfield announces that the company is soon to be in operation the new tube mill. Within a day or so the mill will commence handling ore. The capacity of the mill will be increased fifty tons a day of value not far from \$25 to the ton. Mr. Lawrence lately began work on what is recognized as a virgin block of ground near the main shaft of the Florence, and at a point between the old Engineers and Gem blocks, where, after a few feet of work had been done, a shoot of ore was found that runs early \$160 to the ton. The management is following this, and percentage values are expected, so that this shoot was developed in territory directly between the old Gem and the Engineers is another case in point, how near the mining operator can come to the enriched ore area without touching it up.

MUCH TIMBER CONSUMED IN THE MINING GAME

Statistics collected by forest service and the United States geological survey show that the annual consumption of round mine timbers exceeds 165 million cubic feet, and that hardwoods constitute more than half the total.

The Central Coal & Coke company have made no change in the price of rock Springs coal, and are still selling it at \$5.75 per ton.

Nevada News Agents.

Rauvau—A. C. Presco.

Goldfield—Louis Polin.

Hawthorne—Louis Polin.

Kimberley—Stephen Downey.

Loveock—Bible Bros.

Midway—Mrs. C. A. Harrington.

Rawhide—Louis Polin.

## WIDE DEEP TUNNELS ARE OFTEN FAILURES

The Passing of Ages Causes Many Changes in Earth's Formation.

Special to The Tribune.

Miners do not often realize the great erosion to which the so-called "dugout" veins have been subjected in the past, says Mining Science. In other words, the thousands of feet of the original vein have been removed in the ages since the vein was formed, and the veins as they now stand represent the roots of the originals.

There have been cases where tunnels and other exploratory work have been carried on in barren ground, below the veins and their productive portions. It is true that in most cases, the veins extend to a considerable depth and even beyond the limits of mining, but at best workings on the district, and the lower and more denuded portions of the vein which once towered, with its including veins, thousands of feet above the present outcrop. Indeed, are miners privileged to attack even the middle portion of the original fissure, and still leave the upper portion.

This may account for the failure of some of the deep tunnel projects. They probably tap only the roots of the original vein, with, perhaps, a certain secondarily enriched portion which may be a time prove rich. It might be well for those who are projecting an enterprise of this sort to study carefully the success or non-success of the deep mine workings, and the proportion of disappointments usually an accompaniment of such schemes.

### ITEMS OF INTEREST TO GOLDFIELD INVESTORS

Special to The Tribune.

GOLDFIELD, Nev., Sept. 12.—Based on the records of his office, the state bullion tax collector, James P. Haley, this morning says the Humboldt Star, Governor Dickinson says that many of the journals in the past have severely criticized the state on account of the general methods of unscrupulous promoters, and which had evinced a disposition to forever cut out Nevada from the realm of the investor, have become convinced that the wealth is here and that the anti-wildcatting law passed by the legislature is having a tremendous beneficial effect among capitalists, who are casting longing eyes upon the Sagebrush state.

The state of Nevada is having a long period of prosperity for each and every part of Nevada, and expects the coming season to be a record-breaker in production and activity in mining.

Willard J. Snyder of Salt Lake City, who is interested in a large number of mining properties in the West, was in Goldfield this morning in frequent of the state of Nevada, which he reports that the workings on the property of the Eureka Consolidated mine, which is now being prosecuted on the 400-foot level.

"While drifting on the 600-foot level in the shaft toward the contact," said Mr. Snyder, "we ran into a water flow that almost flooded out our workings. In order to avoid the unnecessary expense of installing the necessary apparatus for pumping water they thought it preferable to start drifting on the 400-foot level."

It has been shown that they will be able to prove the property just as well by running the drift over toward the ore on the 400 as they would have on the 600. In the meantime they will save a great deal of money by not having to hoist all the water.

Fire a few nights ago destroyed the hoist and engine room and blacksmith shop of the Red Ton Mining and Leasing company, operating on the Red Ton Extension. The management has now finished the foundation for a new engine room, and a 30-horse power electric engine, instead of a gasoline, which had heretofore been in service. The company is drifting from the 475 level and upgrading. Very satisfactory values are being encountered, and mining men say that the "Red Ex" will soon be in the shipping class.

One of the distinct features of the week was the discovery of high grade ore on Combination Fraction. This property is one of those in which newspaper men have rarely, if ever, been, owing to the disposition of the management to follow no reports to be circulated without the official stamp. A crowd of reporters, however, went to the mine, and on the request of the management, eight feet of ore, which assays around \$160 to the ton, is in evidence, together with a streak which carries 100 ounces of gold to the ton. The ore is in the foot of a slope from the 857 level, reaching in its height approximately 125 feet, while the actual known depth of the ore shoot thus far proven up may be estimated at not less than 100 feet. The strike was made at a point where the Little Florence lease, operating on this estate, had only six feet to go to break into the rich stuff. The slope was not broken into until the big ore was in shooting distance of the Little Florence people, but they didn't know it. It will be remembered that the Little Florence itself found its rich ore only a few feet from where the original owner, a man named Little, had quit work.

Superintendent Lawrence of the Florence Goldfield announces that the company is soon to be in operation the new tube mill. Within a day or so the mill will commence handling ore. The capacity of the mill will be increased fifty tons a day of value not far from \$25 to the ton. Mr. Lawrence lately began work on what is recognized as a virgin block of ground near the main shaft of the Florence, and at a point between the old Engineers and Gem blocks, where, after a few feet of work had been done, a shoot of ore was found that runs early \$160 to the ton. The management is following this, and percentage values are expected, so that this shoot was developed in territory directly between the old Gem and the Engineers is another case in point, how near the mining operator can come to the enriched ore area without touching it up.

MUCH TIMBER CONSUMED IN THE MINING GAME

Statistics collected by forest service and the United States geological survey show that the annual consumption of round mine timbers exceeds 165 million cubic feet, and that hardwoods constitute more than half the total.

The Central Coal & Coke company have made no change in the price of rock Springs coal, and are still selling it at \$5.75 per ton.

Nevada News Agents.

Rauvau—A. C. Presco.

Goldfield—Louis Polin.

Hawthorne—Louis Polin.

Kimberley—Stephen Downey.

Loveock—Bible Bros.

Midway—Mrs. C. A. Harrington.

## AUGUST RECORD OF THE BUTTE COPPERS

Production for Month Shows Slight Decrease in Output.

Special to The Tribune.

The copper output of Butte during August is estimated at 26,061,140 pounds of copper, which compares with a July production of 26,550,820 pounds and an output a year ago of 25,217,700 pounds. For the first eight months of 1909, the Butte mines have produced a total of 209,672,234 pounds of copper, which compares with 159,926,320 pounds during the same period of last year, an increase of 56.7 per cent. It is also slightly in excess of the first eight months of 1908.

The daily record of the Butte mines for August, showing tons of ore mined daily, pounds of copper per ton of ore and pounds of copper produced for the month, is shown in the following table:

	Tons of ore mined daily	Pounds of copper per ton of ore	Pounds of copper produced in month
Butte & Mont.	3,200	76	2,432,000
Anaconda	3,500	62	2,170,000
Butte & Butte	3,500	62	2,170,000
Washoe	250	62	155,000
Parrot	250	62	155,000
Butte	1,250	74	912,500
North Butte	1,250	74	912,500
Butte Coal	1,500	72	1,080,000
Clarksburg	1,000	72	720,000
Wisham	1,000	72	720,000
Miscellaneous	100	75	75,000
Total	17,875	72	12,875,000

### GOVERNOR OF NEVADA SEES BRIGHT OUTLOOK FOR STATE

Better pleased than ever with the condition of the state of Nevada at large and sanguine that the effects of the notorious wildcatting system in vogue in the southern part of the state, have about passed away, Denver S. Dickinson, governor of the state, has returned to the state of Nevada, and has become convinced that the wealth is here and that the anti-wildcatting law passed by the legislature is having a tremendous beneficial effect among capitalists, who are casting longing eyes upon the Sagebrush state.

The state of Nevada is having a long period of prosperity for each and every part of Nevada, and expects the coming season to be a record-breaker in production and activity in mining.

### WESTERN OPERATOR IN NEW YORK CITY

Willard J. Snyder of Salt Lake City, who is interested in a large number of mining properties in the West, was in Goldfield this morning in frequent of the state of Nevada, which he reports that the workings on the property of the Eureka Consolidated mine, which is now being prosecuted on the 400-foot level.

"While drifting on the 600-foot level in the shaft toward the contact," said Mr. Snyder, "we ran into a water flow that almost flooded out our workings. In order to avoid the unnecessary expense of installing the necessary apparatus for pumping water they thought it preferable to start drifting on the 400-foot level."

It has been shown that they will be able to prove the property just as well by running the drift over toward the ore on the 400 as they would have on the 600. In the meantime they will save a great deal of money by not having to hoist all the water.

Fire a few nights ago destroyed the hoist and engine room and blacksmith shop of the Red Ton Mining and Leasing company, operating on the Red Ton Extension. The management has now finished the foundation for a new engine room, and a 30-horse power electric engine, instead of a gasoline, which had heretofore been in service. The company is drifting from the 475 level and upgrading. Very satisfactory values are being encountered, and mining men say that the "Red Ex" will soon be in the shipping class.

One of the distinct features of the week was the discovery of high grade ore on Combination Fraction. This property is one of those in which newspaper men have rarely, if ever, been, owing to the disposition of the management to follow no reports to be circulated without the official stamp. A crowd of reporters, however, went to the mine, and on the request of the management, eight feet of ore, which assays around \$160 to the ton, is in evidence, together with a streak which carries 100 ounces of gold to the ton. The ore is in the foot of a slope from the 857 level, reaching in its height approximately 125 feet, while the actual known depth of the ore shoot thus far proven up may be estimated at not less than 100 feet. The strike was made at a point where the Little Florence lease, operating on this estate, had only six feet to go to break into the rich stuff. The slope was not broken into until the big ore was in shooting distance of the Little Florence people, but they didn't know it. It will be remembered that the Little Florence itself found its rich ore only a few feet from where the original owner, a man named Little, had quit work.

Superintendent Lawrence of the Florence Goldfield announces that the company is soon to be in operation the new tube mill. Within a day or so the mill will commence handling ore. The capacity of the mill will be increased fifty tons a day of value not far from \$25 to the ton. Mr. Lawrence lately began work on what is recognized as a virgin block of ground near the main shaft of the Florence, and at a point between the old Engineers and Gem blocks, where, after a few feet of work had been done, a shoot of ore was found that runs early \$160 to the ton. The management is following this, and percentage values are expected, so that this shoot was developed in territory directly between the old Gem and the Engineers is another case in point, how near the mining operator can come to the enriched ore area without touching it up.

MUCH TIMBER CONSUMED IN THE MINING GAME

Statistics collected by forest service and the United States geological survey show that the annual consumption of round mine timbers exceeds 165 million cubic feet, and that hardwoods constitute more than half the total.

The Central Coal & Coke company have made no change in the price of rock Springs coal, and are still selling it at \$5.75 per ton.

Nevada News Agents.

Rauvau—A. C. Presco.

Goldfield—Louis Polin.

Hawthorne—Louis Polin.

Kimberley—Stephen Downey.

Loveock—Bible Bros.

Midway—Mrs. C. A. Harrington.

## SIMPLE ORE TESTS FOR PROSPECTORS

Impressive Methods by Which Presence of Minerals May Be Determined.

Special to The Tribune.

May Save Unnecessary Expense of Assaying. An Elaborate Chemical Laboratory Not Necessary for Many Valuable Tests.

Judging by the number of worthless samples submitted to assayers to be tested for various metals, and by the fact that valueless minerals are often supposed to be valuable ones, it is evident that many do not realize how easily some elements may be detected. Naturally a prospector cannot be expected to determine himself with the equipment of a chemical laboratory, but an outfit, consisting chiefly of a few chemicals, blow-pipe and spirit lamp, adds little bulk of weight and may be of inestimable service. The purer the substance to be tested the better, and should the mineral be scattered through the rock in fine particles, it is usually well to first concentrate it by pulverizing the sample and then panning in water, the concentrates being subsequently dried and, if necessary, ground to a fine powder, which may be used in a variety of ways.

Gold ore may be crushed and panned, generally showing either free metallic gold or sulphides, or other concentrates containing gold, which, however, is not visible. If these sulphides be roasted over a fire at a dull red heat, on thin sheet-iron, say a piece of tin can, and the material be blown away, the gold, the metal in many cases will be plainly seen on panning again. Should be material be blown away, the gold, the metal in many cases will be plainly seen on panning again. Should be material be blown away, the gold, the metal in many cases will be plainly seen on panning again.

Black sand, the sample is apt to be worthless or very low grade, for the writer's experience leads him to believe that, as a general thing, the black sand is obtained from rock in place carries little or no gold. The dried black sand can be readily picked up with a magnet. Gold ore may be crushed and panned, generally showing either free metallic gold or sulphides, or other concentrates containing gold, which, however, is not visible. If these sulphides be roasted over a fire at a dull red heat, on thin sheet-iron, say a piece of tin can, and the material be blown away, the gold, the metal in many cases will be plainly seen on panning again. Should be material be blown away, the gold, the metal in many cases will be plainly seen on panning again.

### GOVERNOR OF NEVADA SEES BRIGHT OUTLOOK FOR STATE

Better pleased than ever with the condition of the state of Nevada at large and sanguine that the effects of the notorious wildcatting system in vogue in the southern part of the state, have about passed away, Denver S. Dickinson, governor of the state, has returned to the state of Nevada, and has become convinced that the wealth is here and that the anti-wildcatting law passed by the legislature is having a tremendous beneficial effect among capitalists, who are casting longing eyes upon the Sagebrush state.

The state of Nevada is having a long period of prosperity for each and every part of Nevada, and expects the coming season to be a record-breaker in production and activity in mining.

### WESTERN OPERATOR IN NEW YORK CITY

Willard J. Snyder of Salt Lake City, who is interested in a large number of mining properties in the West, was in Goldfield this morning in frequent of the state of Nevada, which he reports that the workings on the property of the Eureka Consolidated mine, which is now being prosecuted on the 400-foot level.

"While drifting on the 600-foot level in the shaft toward the contact," said Mr. Snyder, "we ran into a water flow that almost flooded out our workings. In order to avoid the unnecessary expense of installing the necessary apparatus for pumping water they thought it preferable to start drifting on the 400-foot level."

It has been shown that they will be able to prove the property just as well by running the drift over toward the ore on the 400 as they would have on the 600. In the meantime they will save a great deal of money by not having to hoist all the water.

Fire a few nights ago destroyed the hoist and engine room and blacksmith shop of the Red Ton Mining and Leasing company, operating on the Red Ton Extension. The management has now finished the foundation for a new engine room, and a 30-horse power electric engine, instead of a gasoline, which had heretofore been in service. The company is drifting from the 475 level and upgrading. Very satisfactory values are being encountered, and mining men say that the "Red Ex" will soon be in the shipping class.

One of the distinct features of the week was the discovery of high grade ore on Combination Fraction. This property is one of those in which newspaper men have rarely, if ever, been, owing to the disposition of the management to follow no reports to be circulated without the official stamp. A crowd of reporters, however, went to the mine, and on the request of the management, eight feet of ore, which assays around \$160 to the ton, is in evidence, together with a streak which carries 100 ounces of gold to the ton. The ore is in the foot of a slope from the 857 level, reaching in its height approximately 125 feet, while the actual known depth of the ore shoot thus far proven up may be estimated at not less than 100 feet. The strike was made at a point where the Little Florence lease, operating on this estate, had only six feet to go to break into the rich stuff. The slope was not broken into until the big ore was in shooting distance of the Little Florence people, but they didn't know it. It will be remembered that the Little Florence itself found its rich ore only a few feet from where the original owner, a man named Little, had quit work.

Superintendent Lawrence of the Florence Goldfield announces that the company is soon to be in operation the new tube mill. Within a day or so the mill will commence handling ore. The capacity of the mill will be increased fifty tons a day of value not far from \$25 to the ton. Mr. Lawrence lately began work on what is recognized as a virgin block of ground near the main shaft of the Florence, and at a point between the old Engineers and Gem blocks, where, after a few feet of work had been done, a shoot of ore was found that runs early \$160 to the ton. The management is following this, and percentage values are expected, so that this shoot was developed in territory directly between the old Gem and the Engineers is another case in point, how near the mining operator can come to the enriched ore area without touching it up.

MUCH TIMBER CONSUMED IN THE MINING GAME

Statistics collected by forest service and the United States geological survey show that the annual consumption of round mine timbers exceeds 165 million cubic feet, and that hardwoods constitute more than half the total.

The Central Coal & Coke company have made no change in the price of rock Springs coal, and are still selling it at \$